

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION
81 Higuera Street, Suite 200
San Luis Obispo, California 93401-5427

WASTE DISCHARGE REQUIREMENTS ORDER NO. 01-037

WDID No. 3 440407004

1006001

FOR

CASA DE MONTGOMERY INC.,
CASA DE MONTGOMERY WASTEWATER TREATMENT FACILITY,
SANTA CRUZ COUNTY

The California Regional Water Quality Control Board, Central Coast Region (hereinafter called the Regional Board) finds that:

SITE OWNER AND LOCATION

1. On July 25, 2000, Maureen Gallagher filed a Report of Waste Discharge. The report was filed on behalf of Casa de Montgomery Wastewater Treatment Facility for authorization to continue discharging treated domestic wastewater within the San Lorenzo River sub-basin.
2. Casa de Montgomery Inc. (hereafter Discharger), 11570 Highway 9, Santa Cruz, owns and operates a wastewater treatment facility. The facility includes collection, septic tanks, and evaporation/percolation ponds. It is located in Santa Cruz County at 4573 Branciforte Drive, Santa Cruz, approximately 5 miles northeast of the City of Santa Cruz as shown on Attachment "A" of this Order.

PURPOSE OF ORDER

3. The primary objectives of this Order are to regulate the discharge of treated domestic wastewater described in the Discharger's Report of Waste Discharge and uphold State water quality standards.

SITE/FACILITY DESCRIPTION

Discharge Type

4. The facility is designed to treat and dispose domestic wastewater from the Casa de Montgomery.
5. Casa de Montgomery is a rooming house that houses approximately 20 individuals.

Design and Current Capacity

6. Wastewater treatment is two septic tanks, 3,000 gallon each, in series.
7. The system treatment capacity is estimated to be 3,500 gallons per day (gpd).
8. Wastewater is discharged to a series of seven evaporation/percolation ponds.
9. The system treats and disposes up to 2,000 gpd of domestic wastewater.

Geology

10. The evaporation/percolation ponds are located on sloping (20-40% slope) topography consisting of fine sandy loam soils.

new or revised waste discharge requirements. The WWMP's goal is for at least 50 % reduction in nitrogen from onsite disposal systems.^{BP}

21. This order requires 50 % reduction of nitrogen in effluent, consistent with Resolution No. 95-04.^{BP}
22. The surface water quality objectives specified in the Basin Plan for the San Lorenzo River are:^{BP}

Analyte	Value	Units
Total Dissolved Solids	250	mg/l
Chloride	30	mg/l
Sulfate	60	mg/l
Boron	0.2	mg/l
Sodium	25	mg/l

23. The range of median ground water quality objectives in the San Lorenzo Sub-Basin, as specified in the Basin Plan, are reported as follows:^{BP}

Analyte	Range	Units
Total Dissolved Solids	100-250	mg/l
Sodium	10-20	mg/l
Chloride	20-30	mg/l
Nitrate (as N)	1-5	mg/l
Sulfate	10-50	mg/l

CEQA

24. These waste discharge requirements are for an existing facility and are exempt from provisions of the California Environmental Quality Act (Public Resources Code, Section 21000, et seq.) in accordance with Section 15301, Chapter 3, Title 14, of the California Code of Regulations.

EXISTING ORDERS AND GENERAL FINDINGS

25. The discharge has been regulated by Waste Discharge Requirements Order No. 86-285, adopted by the Regional Board on October 10, 1986. The Regional Board has regulated

the discharge from Casa de Montgomery since April 11, 1969.

26. Discharge of waste is a privilege, not a right, and authorization to discharge is conditional upon the discharge complying with provisions of Division 7 of the California Water Code and any more stringent effluent limitations necessary to implement water quality control plans, to protect beneficial uses, and to prevent nuisance. Compliance with this Order should assure this and mitigate any potential adverse changes in water quality due to the discharge.
27. On **January 28, 2001**, the Regional Board notified the Discharger and interested agencies and persons of its intent to adopt waste discharge requirements for the discharge, and has provided them with a copy of the proposed Order and an opportunity to submit written views and comments.
28. In a public hearing on May 18, 2001, the Regional Board heard and considered all comments pertaining to the discharge and found this Order consistent with the above findings.

IT IS HEREBY ORDERED, pursuant to authority in Section 13263 of the California Water Code, that Casa de Montgomery, its agents, successors, and assigns, may discharge wastewater at Casa de Montgomery Wastewater Treatment Facility, providing compliance is maintained with the following:

[Note: Other prohibitions and conditions, definitions, and the method of determining compliance are contained in the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements" dated January, 1984. Applicable paragraphs are referenced in this Order.]

12. Solids cleaned from tanks shall be disposed of at a septage receiving facility approved by the Regional Board Executive Officer.

Storm water Control

13. Extraneous surface drainage shall be diverted away from the treatment system and evaporation/percolation ponds.

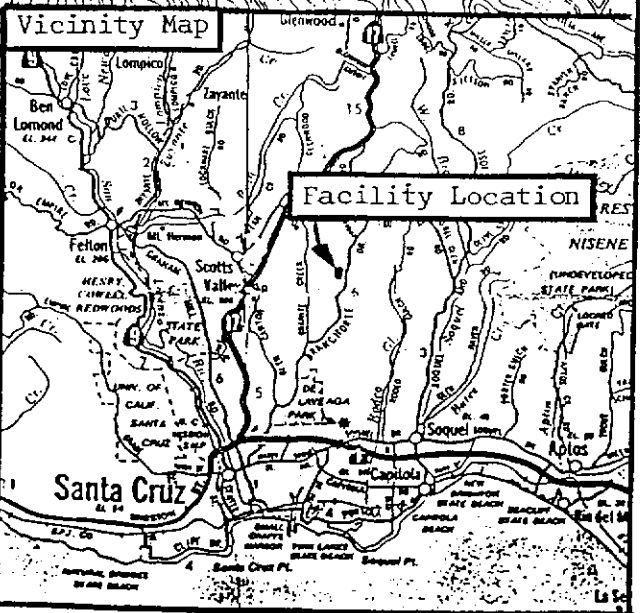
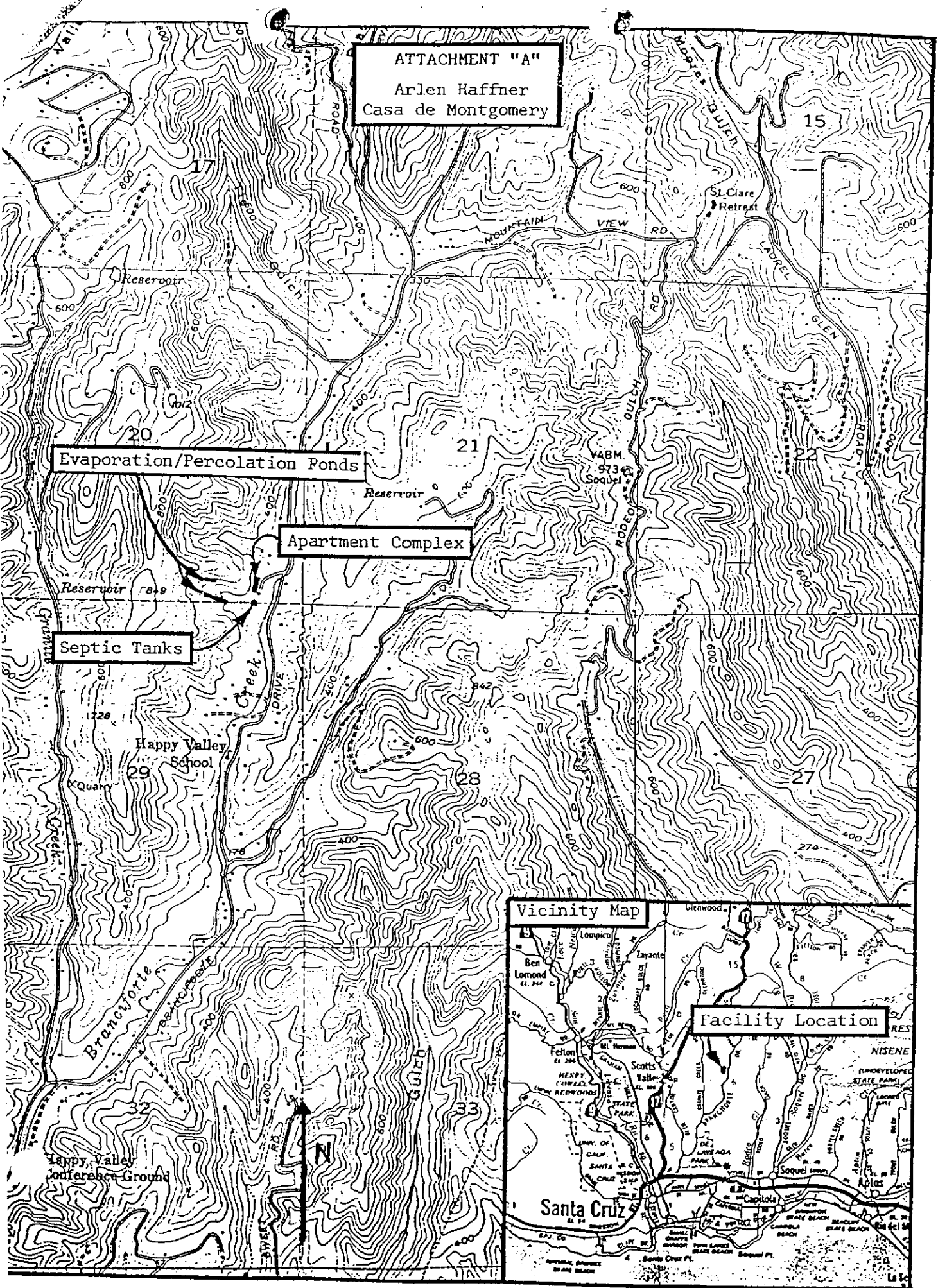
PROVISIONS

1. Order No. 86-285, "Waste Discharge Requirements for Casa de Montgomery Inc., Santa Cruz County" adopted by the Regional Board on October 10, 1986, is hereby rescinded.
2. Discharger shall comply with "Monitoring and Reporting Program No. 01-037", and any amendments thereto, as specified by the Regional Board Executive Officer.
3. Freeboard shall exceed two feet in wastewater disposal pond at all times.
4. The Discharger shall comply with all items of the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements" dated January 1984; except Item Nos. A.8, A.17, and C.16.
5. Pursuant to Title 23, Division 3, Chapter 9, of the California Code of Regulations, the Discharger must submit a written report to the Regional Board Executive Officer not later than January 1, 2010, addressing:
 - a. Whether there will be changes in the continuity, character, location, or volume of the discharge; and
 - b. Whether, in their opinion, there is any portion of the Order that is incorrect, obsolete, or otherwise in need of revision.

ATTACHMENTS

1. Attachment A, Site and Vicinity Map
2. Monitoring and Reporting Program No. 01-037
3. Standard Provisions and Reporting Requirements for Waste Discharge Requirements, January 1984

ATTACHMENT "A"
Arlen Haffner
Casa de Montgomery



EFFLUENT MONITORING

Representative effluent samples shall be collected prior to evaporation/percolation ponds and analyzed for the following:

Parameter	Units	Type of Sample	Minimum Measuring Frequency
Flow to evaporation/percolation ponds	Gallons per day	Metered	Monthly
BOD, 5-day	mg/l	Grab	"
pH	pH units	"	"
Organic Nitrogen (N)	mg/l	"	* Twice per month ²
Nitrate (N)	"	"	"
Nitrite (N)	"	"	"
Ammonia (N)	"	"	"
Total suspended solids	"	"	Quarterly
Total dissolved solids	"	"	"
Sodium	"	"	"
Chloride	"	"	"

(N) – All nitrogen data shall be reported as nitrogen.

*Staff requires monitoring twice per month for the Nitrogen series (Organic Nitrogen, Nitrate, Nitrite, and Ammonia) for a minimum of 15 months. The samples shall be collected at least 10 days apart. After 15 months, Discharger shall submit a report analyzing the nitrogen removal efficiency of the wastewater treatment plant. Regional Board staff will evaluate the report to determine the need and frequency for continued nitrogen monitoring.

² Effluent nitrogen monitoring shall be conducted quarterly until the installation of enhanced wastewater treatment system. The additional effluent nitrogen monitoring shall commence once the enhanced wastewater treatment system is installed or July 1, 2003, which ever comes first.

May 18, 2001

All data shall be submitted to the Regional Board in both hard copy and electronic format. The electronic data submission shall conform to criteria approved by the Central Coast Regional Water Quality Control Board Executive Officer.

ORDERED BY:


Executive OfficerMay 18, 2001

Date

S:\WB\Northern Watershed\TLS\Finalized\WDR\Casa de Montgomery Inc., Casa de Montgomery\01-037 MRP.doc

Task: I21-01

File: Discharger file; Casa de Montgomery, Casa de Montgomery WWF